

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R5/033 H04R5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/021800 A1 (BJERRUM-NIESE CHRISTIAN ET AL) 21 February 2002 (2002-02-21) page 4, paragraph 62 - paragraph 63 page 5, paragraph 74 claims 13,14 figures 11,24	1-7, 9, 10
Y		8
X	US 4 817 153 A (FERNANDEZ JORGE D) 28 March 1989 (1989-03-28) column 1, line 46 - line 60 column 3, line 34 - line 64 column 4, line 67 - column 5, line 16 claim 1; figures 2,4,5	1-3, 10
Y	US 5 563 951 A (MINSKY MARGARET D R ET AL) 8 October 1996 (1996-10-08) abstract; figures 1,2	8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

26 November 2004

Date of mailing of the international search report

07/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 146 501 A (SPECTOR DONALD) 8 September 1992 (1992-09-08) column 2, line 50 - line 54; figures 6,8 column 4, line 36 - line 63 column 5, line 15 - line 26 column 6, line 43 - line 60 -----	6
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 135887 A (NEC CORP), 10 May 2002 (2002-05-10) cited in the application abstract -----	1-10

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